



# Maintenance Manual USA Model Year 1972-1980

Passenger Cars Volume 1

Printed in Germany

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This Maintenance Manual contains maintenance jobs to be performed on Passenger Cars starting model year 1972 up to model year 1980.

Besides the detailed descriptions (both written and illustrated) of these jobs, all necessary checking and adjustment data as well as filling quantities, fuels, lubricants, and coolants, and information on required special tools and specified tightening torques are included.

Each individual maintenance job is assigned a number (position number) which may be found in the outer upper corner of the respective page, arranged in numerical sequence. The position number in the Maintenance Manual corresponds to the number in the Work Sheets and Maintenance Booklet so that, if necessary, when carrying out the maintenance jobs the corresponding texts and data can be immediately found.

The types or engines to which the work applies are listed below the position number. Information on the maintenance intervals during which the individual jobs should be carried out can be obtained from the tables at the beginning of the manual.

A listing of all maintenance jobs is supplied in the index which is arranged in sequence of the unit groups and respective subjects.

Daimler-Benz Aktiengesellschaft Zentralkundendienst

January 1981

## **Model designation**

	Sales Designation	Model	Engine Type Designation
sedans	220 D	115.110	615.912
	240 D	115.117	616.916
	240 D	123.123	616.912
	300 D	115.114	617.910
	300 D	123.130	617.912
	300 TD	123.190	617.912
	300 SD	116.120	617.950
	220	115.010	115.920
	230	115.017	115.951
	230	123.023	115.954
	250	114.011	130.923
	280	114.060	110.921
	280 E	123.033	110.984 <sup>1</sup> )
	280 S	108.016	130.920
	280 S	116.020	110.922
	280 SE	108.018	130.980
	280 SE	116.024	110.985 <sup>1</sup> )
	280 SEL	108.019	130.980
	280 SE 4.5	108.067	117.984
	280 SEL 4.5	108.068	117.984
	300 SEL	109.016	130.981
	300 SEL 3.5	109.056	116.981
	300 SEL 4.5	109.057	117.981
	300 SEL 6.3	109.018	100.981
	450 SE	116.032	117.983/986 <sup>1</sup> )
	450 SEL	116.033	117.983/986 <sup>1</sup> )
	6.9	116.036	100.985 <sup>1</sup> )
	600	100.012	100.980
	600 long 4 doors	100.014	100.980
	600 long 6 doors	100.016	100.980
Coupés	250 C	114.023	130.923
	280 C	114.073	110.921
	280 CE	123.053	110.984
	280 SE	111.024	130.980
	280 SE 3.5	111.026	116.980
	300 CD	123.150	617.912
	450 SLC	107.024	117.982/985 <sup>1</sup> )
Convertibles	280 SE	111.025	130.980
	280 SE 3.5	111.027	116.980
Roadster	280 SL	113.044	130.983
	450 SL	107.044	117.982/985 <sup>1</sup> )

 $<sup>^{1}</sup>$ ) Engines with CIS (continuous injection system)

Engine oil change with filter care  Engines 100.980/981 page 19 100.985 11 110 114 130 180 11 115 116 117 11 615 616 617 up to model year 1976 11 616 616 617 starting model year 1977 11 617.950 starting model year 1978 11 Heating and venting system, check sealing Hose clamps, check for tight fit Renewing coolant with anti-freeze Supplementary oil filter for hydraulic fan coupling, clean Valve clearance, adjust Engines 100 116 117 page 75 110 75 115 130 75 615 616 617 75 V-belts, check condition and tension V-belts, retension Engines 100.980 page 75	752.1 752.3 151.05 151.10 151.20 151.25 151.30 151.35 151.41
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115 model year 1972—1974	756.35
model year 1975—197679	756.36
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116 117	756.55
	756.70
*** *** ***	756.71
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V-belts, check condition and retension, all engines, model year 1980	/:)() /: 1

Note: The figures in ( ) next to the titles are group numbers  $% \left( 1\right) =\left( 1\right) \left( 1\right$ 

Job No.

Engine, combustion (07/09/47/49)			
incl. control linkage, ignition, intake, fuel and exhaust system			
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Exhaust gas recycling, check, model year 1973/1974			
Exhaust gas turbo charger, retighten nuts			
Exhaust system, retighten slip joints			
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Flame guard filament, clean			
Fuel evaporation system in engine compartment, check, model year 1974			
Fuel filter, clean/replace			
Fuel filter element, replace			
Fuel filter or filter element, replace			
Fuel lines and hoses of electronically controlled fuel injection system, check for tight			
Fuel main filter, clean/replace			
Fuel prefilter, check			
Fuel pump, clean strainer			
Fuel pump, renew strainer			
Fuel system, check condition and sealing			
Heater flaps, clean and spray			
Idle speed adjustment, check and adjust			
Idle speed, check and adjust		79	18
check with CO measuring instrument and adjust			
Engine 100.985 110.984/985 117.985/986			
with CIS (continuous injection system) up to model year 1979;			
(model year 1980 see Job No. 799)	page 7	798.20	
100 130		798.30	
110 with Solex carburetor 4 A 1		798.35	
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Ignition timing, check and adjust			
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This job is to be carried out yearly if possible in spring
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 Only type 280 SE (108.018), model year 1972